

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
 Data File : PQ051339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2020 03:07
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 08:15:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.234	4.253	481.9E6	132.5E6	21.285	22.219
2)	SA Decachlor...	11.426	9.606	735.4E6	235.5E6	44.818	46.116
Target Compounds							
3)	L1 AR-1016-1	6.557	5.514	180.9E6	52746496	240.619	248.879
4)	L1 AR-1016-2	6.582	5.536	213.3E6	52740949	196.250	176.963
5)	L1 AR-1016-3	6.649	5.730	98675694	33350342	153.445	217.985 #
6)	L1 AR-1016-4	6.755	5.779	115.7E6	70742795	213.672	583.114 #
7)	L1 AR-1016-5	7.071	6.008	292.5E6	84154600	561.947	538.030
8)	L2 AR-1221-1	0.000	4.514	0	1284708	N.D.	20.882 #
9)	L2 AR-1221-2	5.591	4.609	7926703	2464070	51.636	57.607
10)	L2 AR-1221-3	5.671	4.701	14211990	3600314	27.193	24.549
11)	L3 AR-1232-1	5.671	4.701	14211990	3600314	33.344	30.238
12)	L3 AR-1232-2	6.263	5.536	70778481	52740949	314.918	423.406 #
13)	L3 AR-1232-3	6.582	5.730	213.3E6	33350342	459.365	525.534
14)	L3 AR-1232-4	6.755	5.824	115.7E6	74088496	499.091	1343.967 #
15)	L3 AR-1232-5	6.851	6.008	252.1E6	84154600	1508.250	1407.392
16)	L4 AR-1242-1	6.557	5.514	180.9E6	52746496	299.232	313.588
17)	L4 AR-1242-2	6.582	5.536	213.3E6	52740949	246.417	225.862
18)	L4 AR-1242-3	6.649	5.730	98675694	33350342	191.059	275.658 #
19)	L4 AR-1242-4	6.755	5.824	115.7E6	74088496	268.299	635.028 #
20)	L4 AR-1242-5	7.539	6.388	335.5E6	134.3E6	715.326	849.118
21)	L5 AR-1248-1	6.557	5.514	180.9E6	52746496	419.486	445.027
22)	L5 AR-1248-2	6.851	5.779	252.1E6	70742795	418.626	429.565
23)	L5 AR-1248-3	7.071	5.824	292.5E6	74088496	421.295	434.090
24)	L5 AR-1248-4	7.498	6.008	344.9E6	84154600	425.838	407.848
25)	L5 AR-1248-5	7.539	6.432	335.5E6	93891537	427.123	437.749
26)	L6 AR-1254-1	7.468	6.388	265.0E6	134.3E6	308.986	375.090
27)	L6 AR-1254-2	7.704	6.548	335.3E6	38626208	251.547	124.668 #
28)	L6 AR-1254-3	8.080	6.969	170.1E6	58149490	117.458	112.530
29)	L6 AR-1254-4	8.374	7.207	128.0E6	40041380	122.169	123.003
30)	L6 AR-1254-5	8.804	7.637	23096335	13362348	20.937	29.448 #
31)	L7 AR-1260-1	8.247	7.118	19253350	22445340	22.096	72.931 #
32)	L7 AR-1260-2	8.504	7.300	29782830	5915648	29.077	15.246 #
33)	L7 AR-1260-3	0.000	7.456	0	7818930	N.D.	21.644 #
34)	L7 AR-1260-4	9.112	7.940	11645828	1949075	13.795	6.222 #
35)	L7 AR-1260-5	0.000	8.186	0	2380832	N.D.	3.031 #
36)	L8 AR-1262-1	0.000	7.637	0	13362348	N.D.	57.445 #
37)	L8 AR-1262-2	0.000	8.186	0	2380832	N.D.	2.767 #
38)	L8 AR-1262-3	0.000	8.470	0	1332473	N.D.	4.252 #
39)	L8 AR-1262-4	0.000	8.537	0	5420996	N.D.	8.832 #
40)	L8 AR-1262-5	0.000	9.042	0	3002140	N.D.	10.804 #
41)	L9 AR-1268-1	0.000	8.470	0	1332473	N.D.	1.416 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
Data File : PQ051339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2020 03:07
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

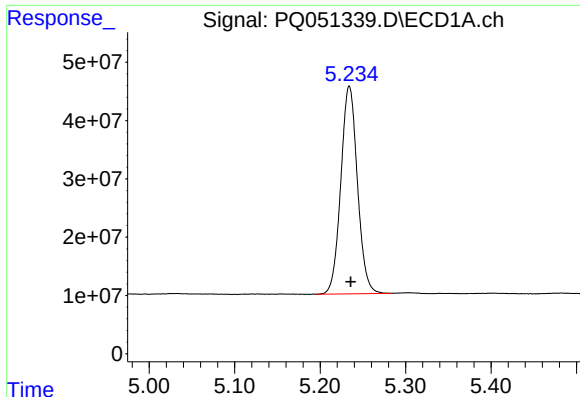
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 08:15:30 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 19 05:59:02 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.537	0	5420996	N.D.	6.103 #
43) L9	AR-1268-3	0.000	8.749	0	1567026	N.D.	2.092 #
44) L9	AR-1268-4	0.000	9.042	0	3002140	N.D.	9.570 #
45) L9	AR-1268-5	0.000	9.343	0	3404802	N.D.	1.399 #

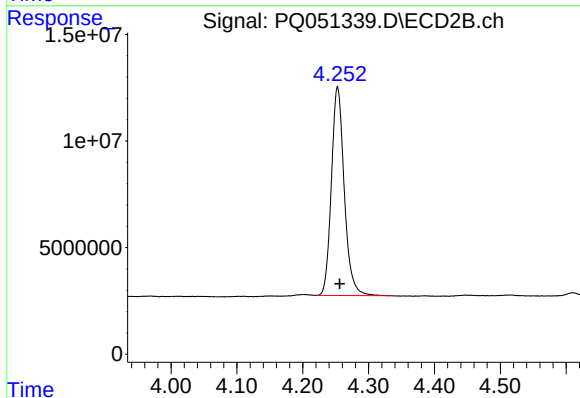
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

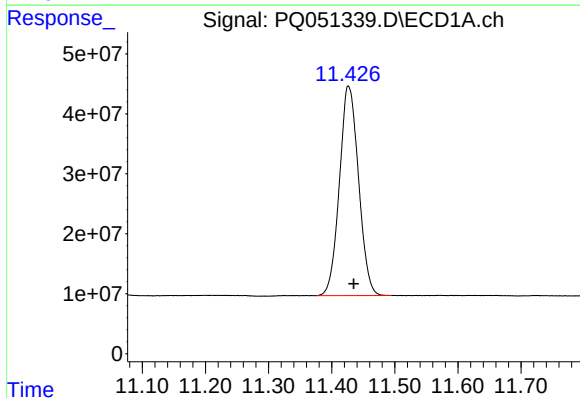
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 481919610
Conc: 21.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



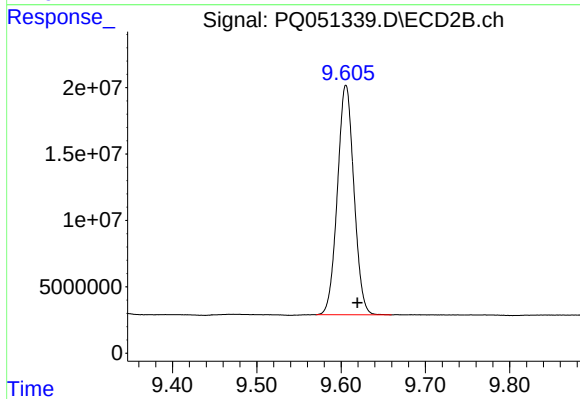
#1 Tetrachloro-m-xylene

R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 132473531
Conc: 22.22 ng/ml



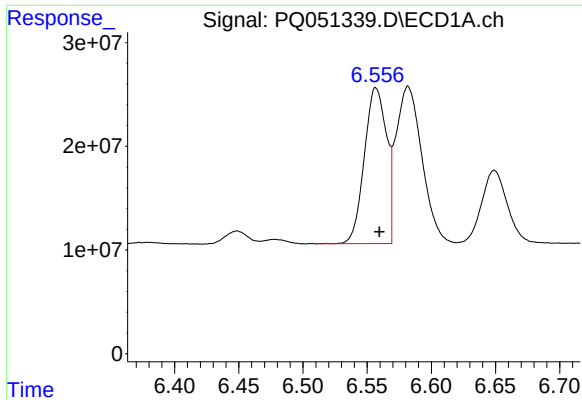
#2 Decachlorobiphenyl

R.T.: 11.426 min
Delta R.T.: -0.009 min
Response: 735417536
Conc: 44.82 ng/ml



#2 Decachlorobiphenyl

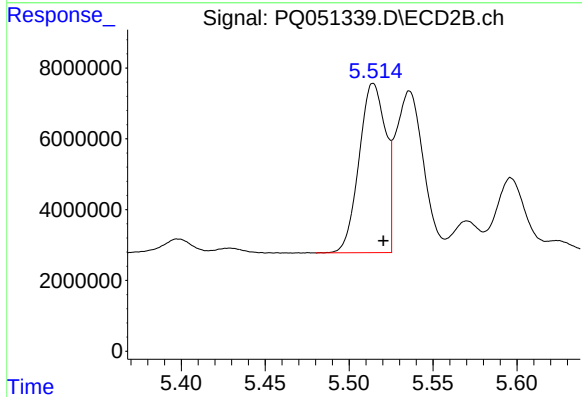
R.T.: 9.606 min
Delta R.T.: -0.014 min
Response: 235500593
Conc: 46.12 ng/ml



#3 AR-1016-1

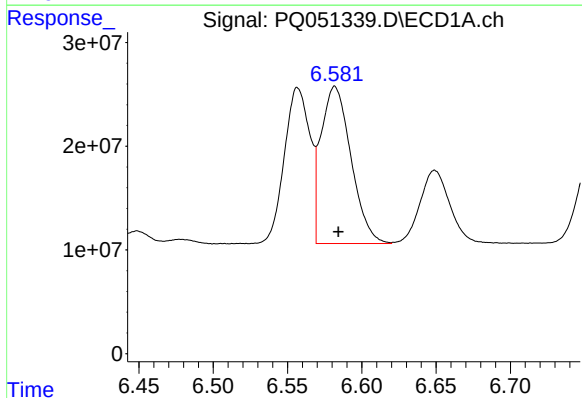
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 180898577
Conc: 240.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



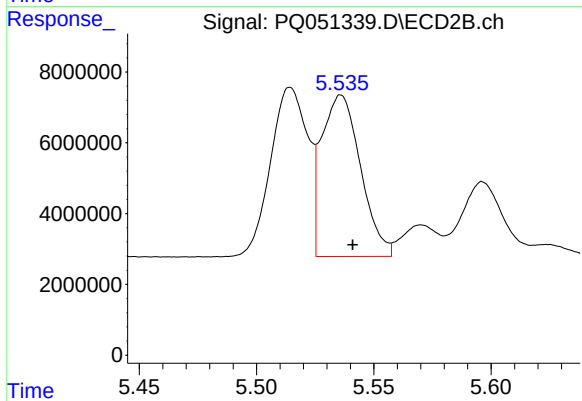
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 52746496
Conc: 248.88 ng/ml



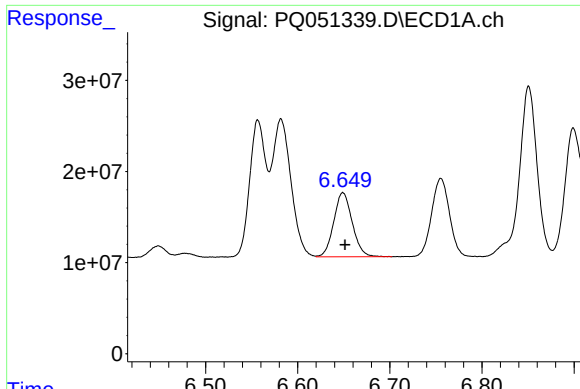
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 213325469
Conc: 196.25 ng/ml



#4 AR-1016-2

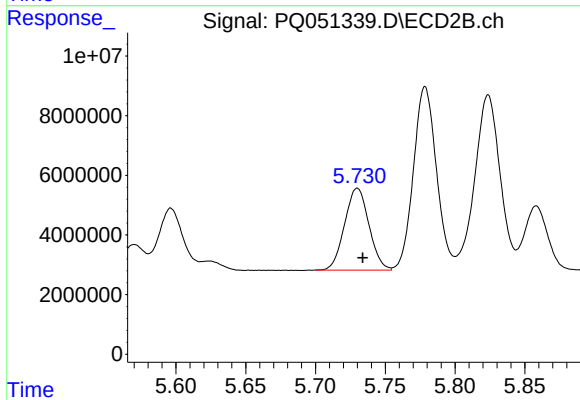
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 52740949
Conc: 176.96 ng/ml



#5 AR-1016-3

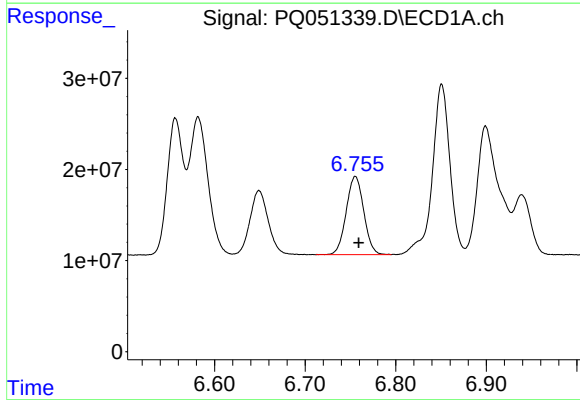
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 98675694
Conc: 153.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



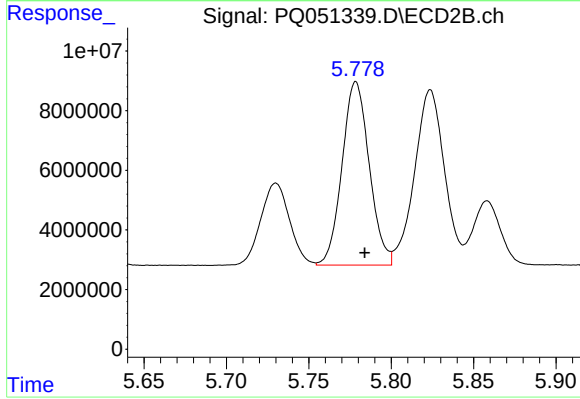
#5 AR-1016-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33350342
Conc: 217.98 ng/ml



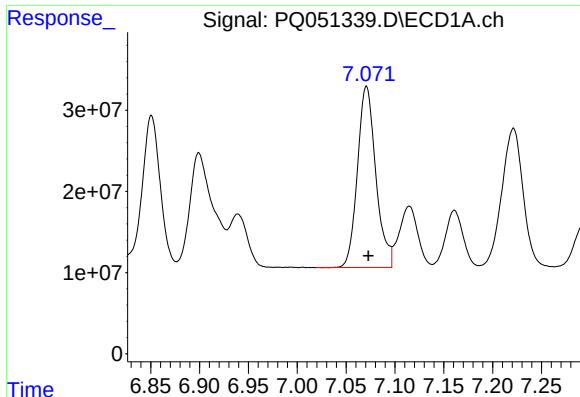
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 115731333
Conc: 213.67 ng/ml



#6 AR-1016-4

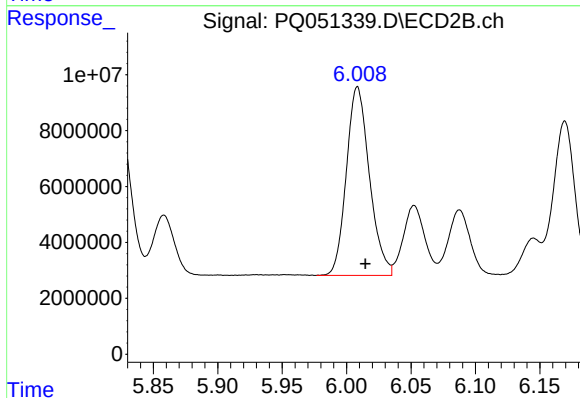
R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 70742795
Conc: 583.11 ng/ml



#7 AR-1016-5

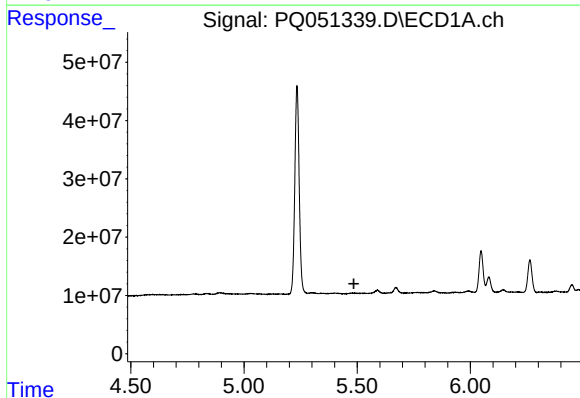
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 292543279
Conc: 561.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



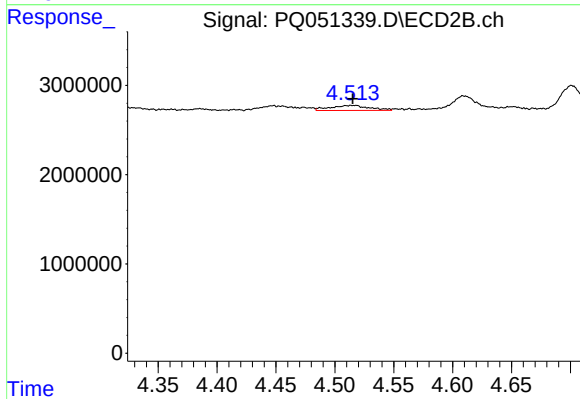
#7 AR-1016-5

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 84154600
Conc: 538.03 ng/ml



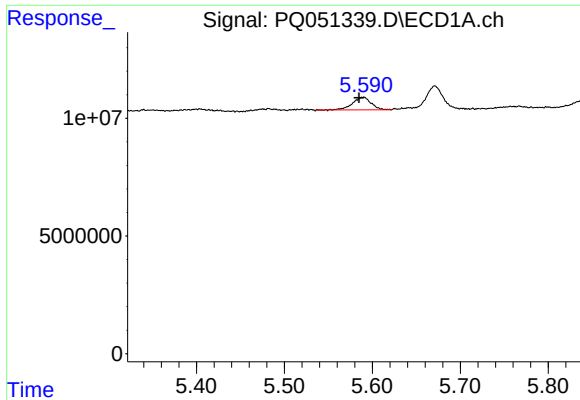
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#8 AR-1221-1

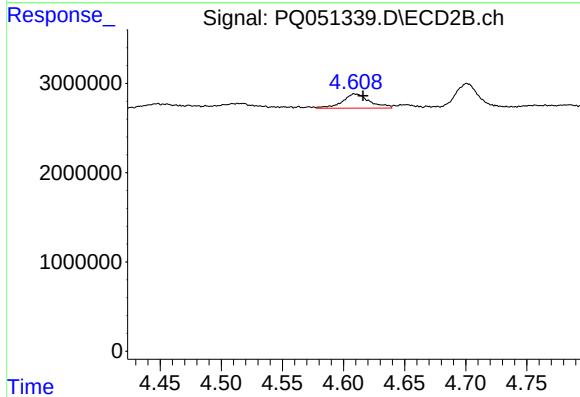
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 1284708
Conc: 20.88 ng/ml



#9 AR-1221-2

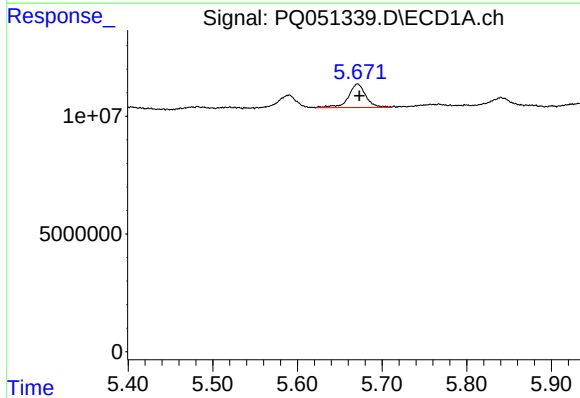
R.T.: 5.591 min
Delta R.T.: 0.006 min
Response: 7926703
Conc: 51.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



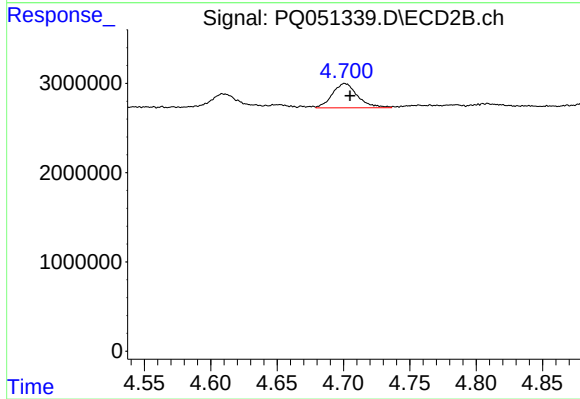
#9 AR-1221-2

R.T.: 4.609 min
Delta R.T.: -0.007 min
Response: 2464070
Conc: 57.61 ng/ml



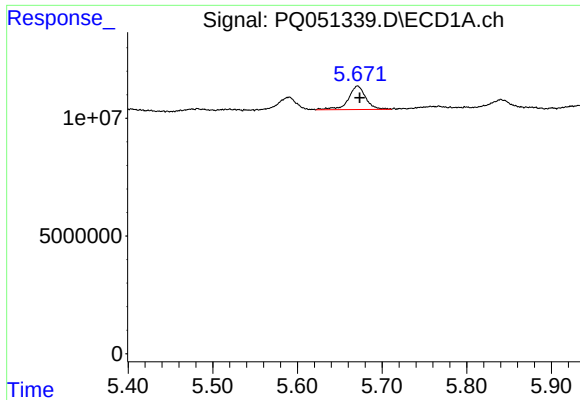
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 14211990
Conc: 27.19 ng/ml



#10 AR-1221-3

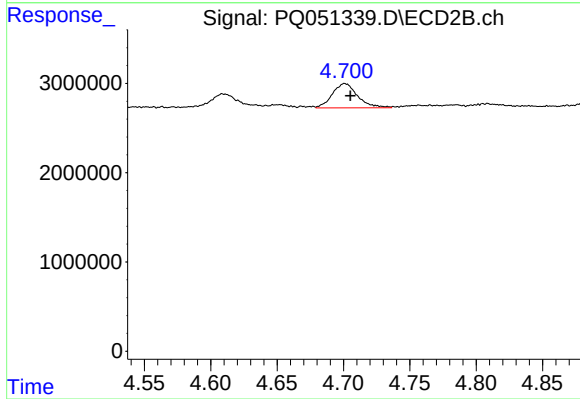
R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 3600314
Conc: 24.55 ng/ml



#11 AR-1232-1

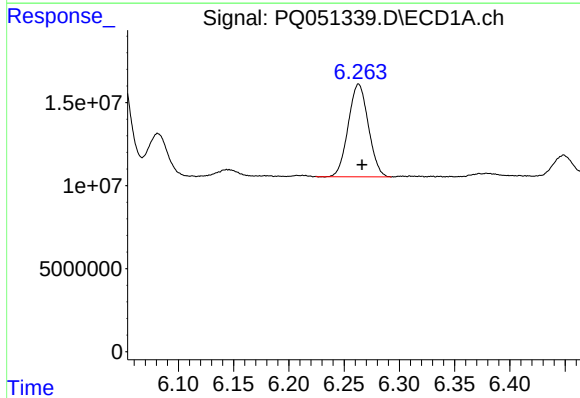
R.T.: 5.671 min
Delta R.T.: -0.003 min
Response: 14211990
Conc: 33.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



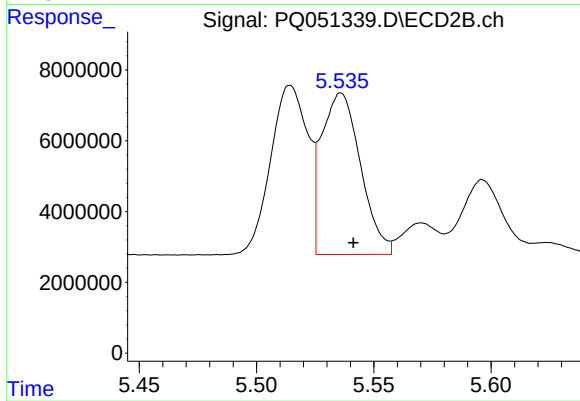
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 3600314
Conc: 30.24 ng/ml



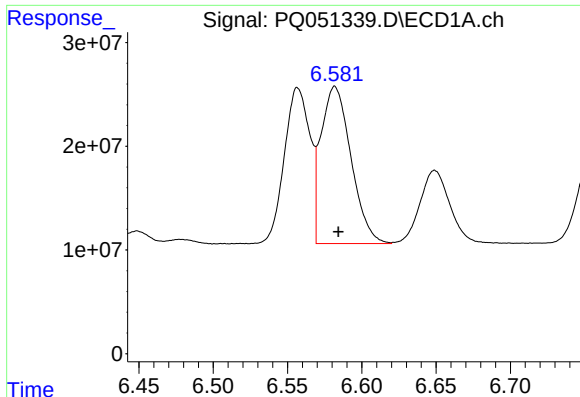
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 70778481
Conc: 314.92 ng/ml



#12 AR-1232-2

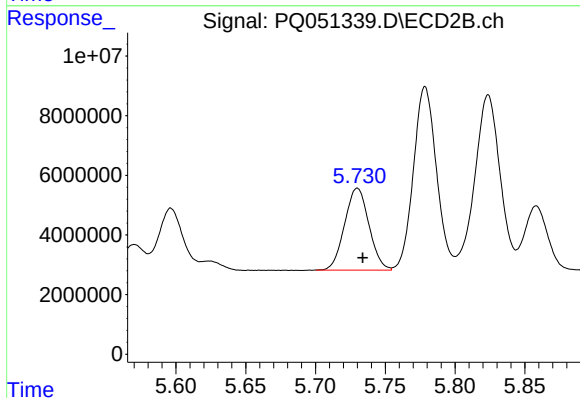
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 52740949
Conc: 423.41 ng/ml



#13 AR-1232-3

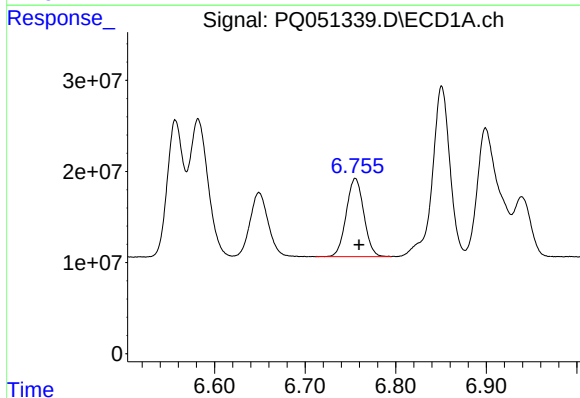
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 213325469
Conc: 459.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



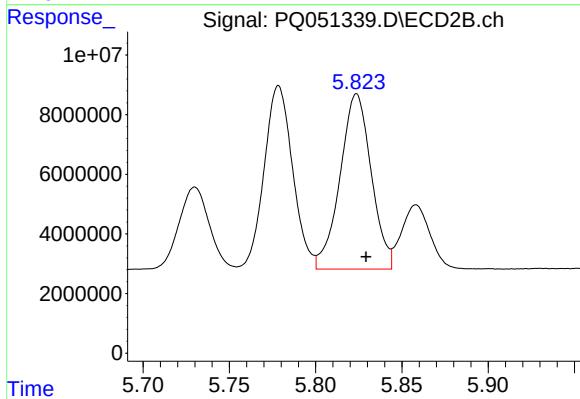
#13 AR-1232-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33350342
Conc: 525.53 ng/ml



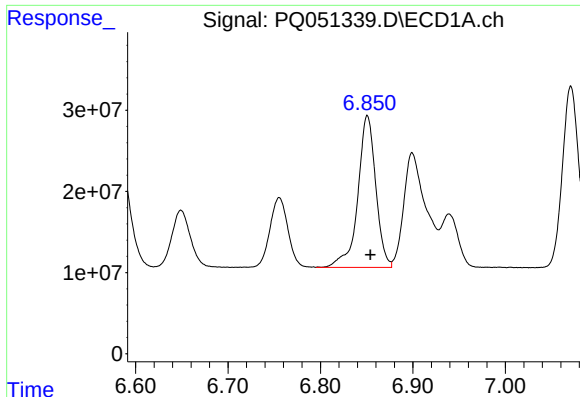
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 115731333
Conc: 499.09 ng/ml



#14 AR-1232-4

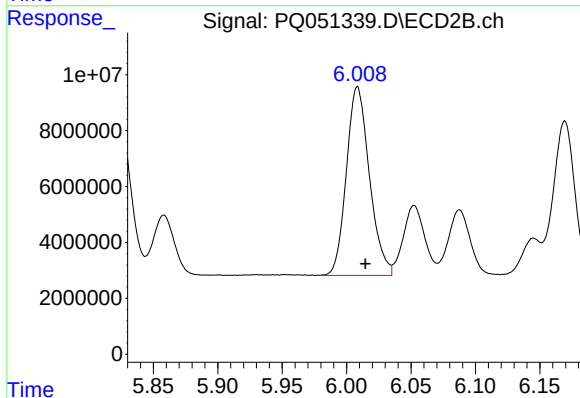
R.T.: 5.824 min
Delta R.T.: -0.005 min
Response: 74088496
Conc: 1343.97 ng/ml



#15 AR-1232-5

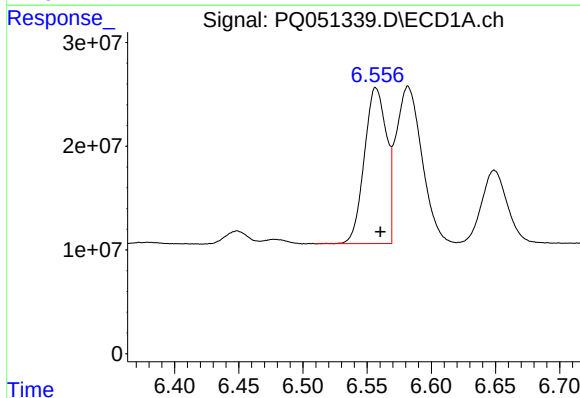
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 252108499
Conc: 1508.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



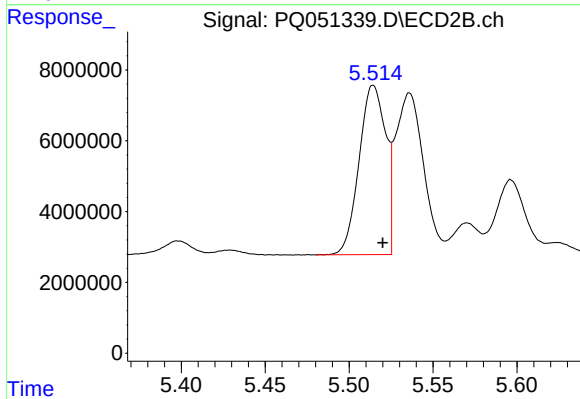
#15 AR-1232-5

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 84154600
Conc: 1407.39 ng/ml



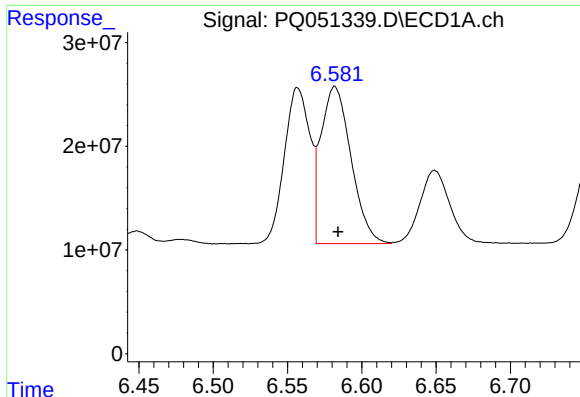
#16 AR-1242-1

R.T.: 6.557 min
Delta R.T.: -0.004 min
Response: 180898577
Conc: 299.23 ng/ml



#16 AR-1242-1

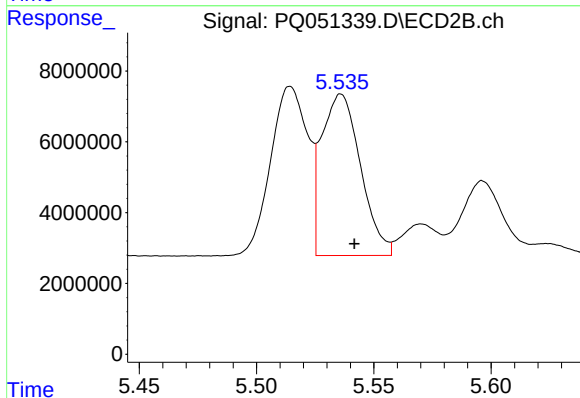
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 52746496
Conc: 313.59 ng/ml



#17 AR-1242-2

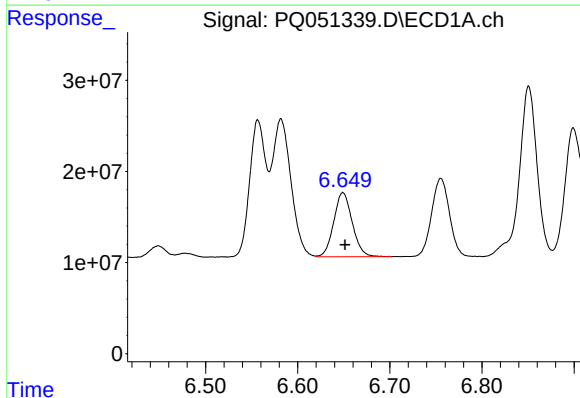
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 213325469
Conc: 246.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



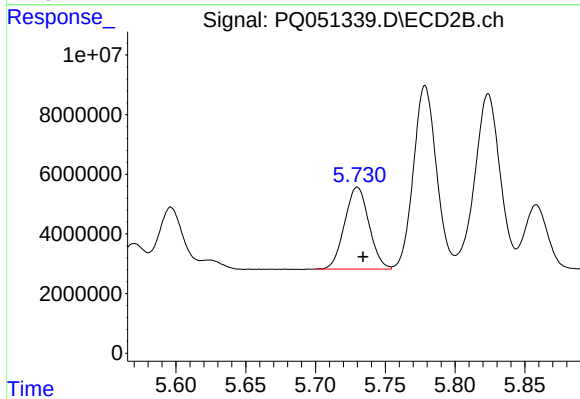
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 52740949
Conc: 225.86 ng/ml



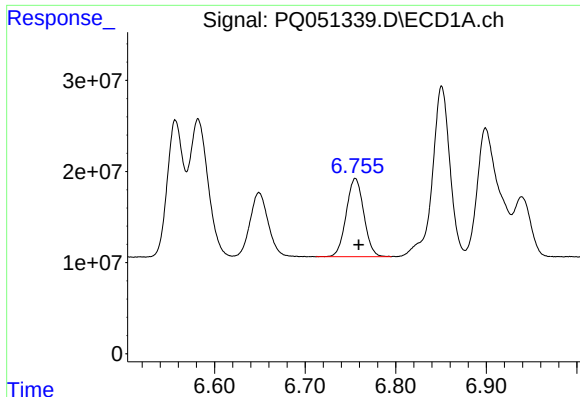
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 98675694
Conc: 191.06 ng/ml



#18 AR-1242-3

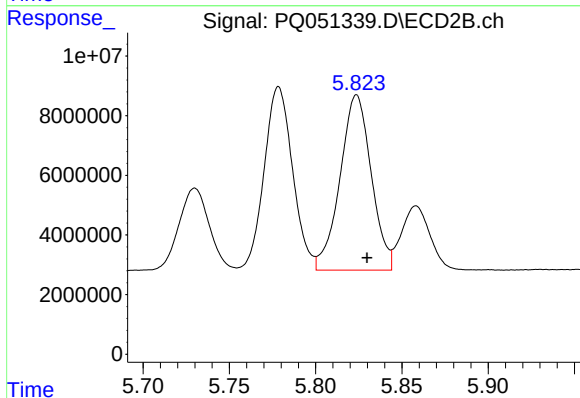
R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33350342
Conc: 275.66 ng/ml



#19 AR-1242-4

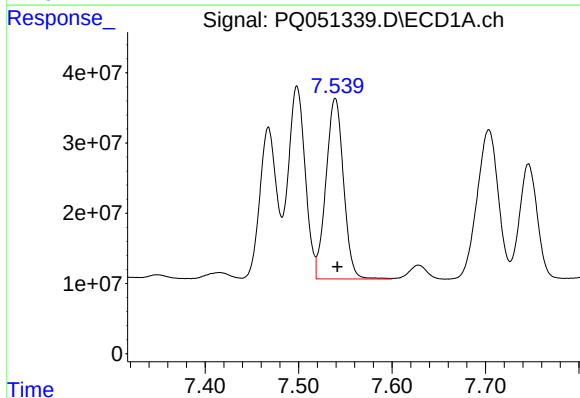
R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 115731333
Conc: 268.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



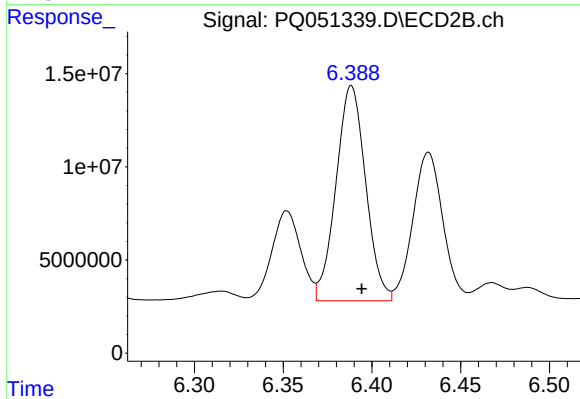
#19 AR-1242-4

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 74088496
Conc: 635.03 ng/ml



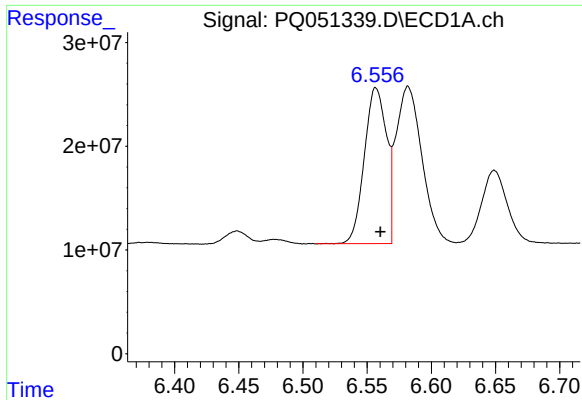
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 335506361
Conc: 715.33 ng/ml



#20 AR-1242-5

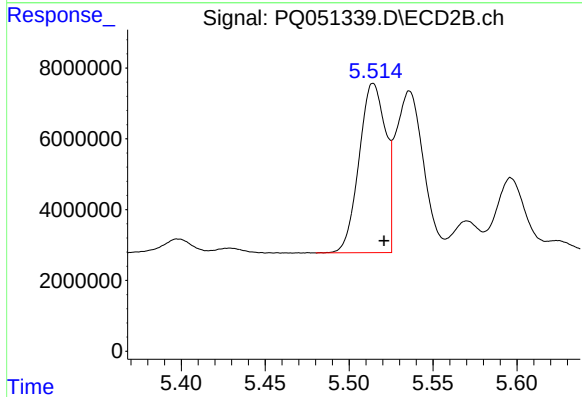
R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 134343974
Conc: 849.12 ng/ml



#21 AR-1248-1

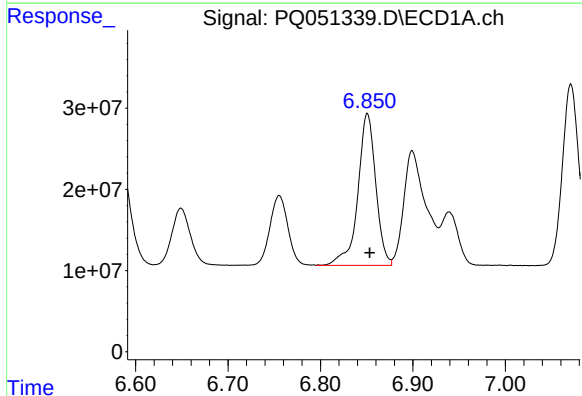
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 180898577
Conc: 419.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



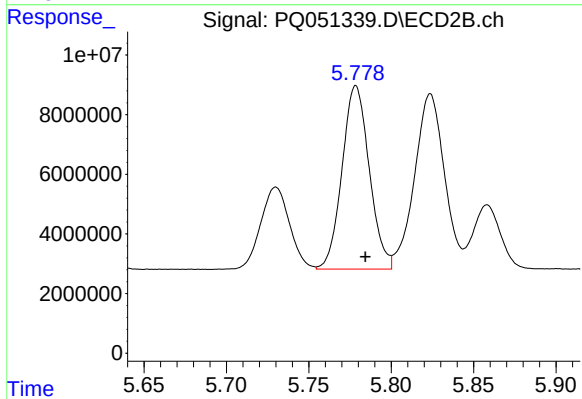
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 52746496
Conc: 445.03 ng/ml



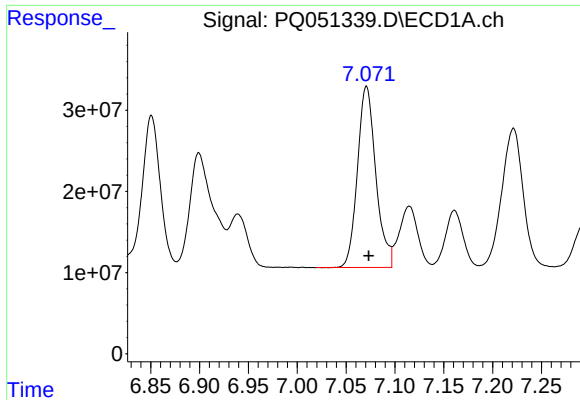
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 252108499
Conc: 418.63 ng/ml



#22 AR-1248-2

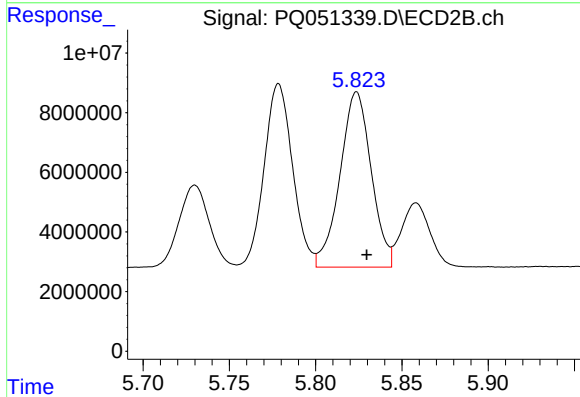
R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 70742795
Conc: 429.57 ng/ml



#23 AR-1248-3

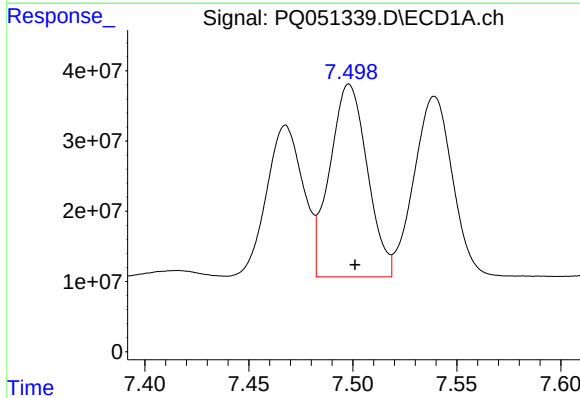
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 292543279
Conc: 421.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



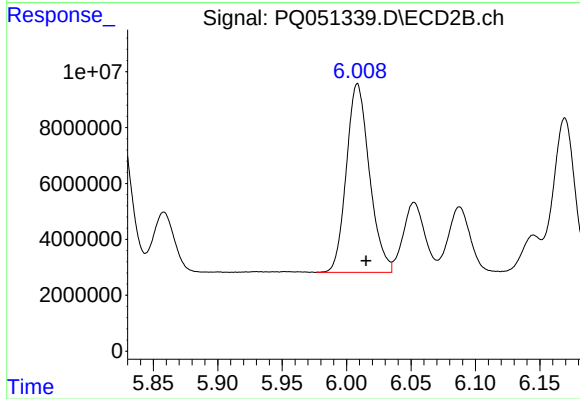
#23 AR-1248-3

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 74088496
Conc: 434.09 ng/ml



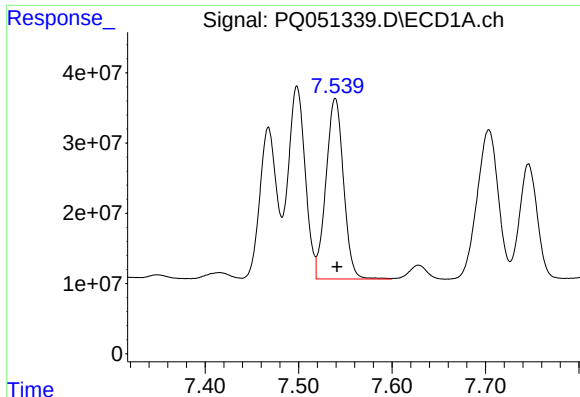
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 344926050
Conc: 425.84 ng/ml



#24 AR-1248-4

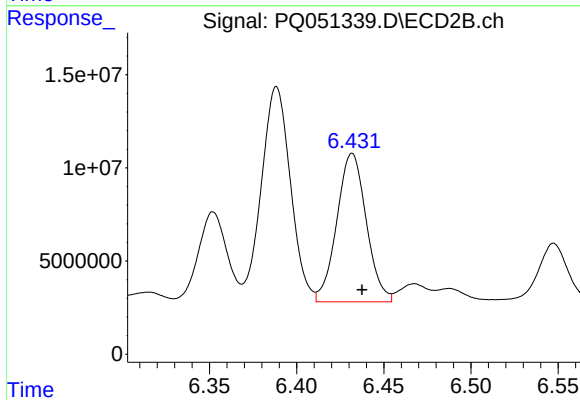
R.T.: 6.008 min
Delta R.T.: -0.007 min
Response: 84154600
Conc: 407.85 ng/ml



#25 AR-1248-5

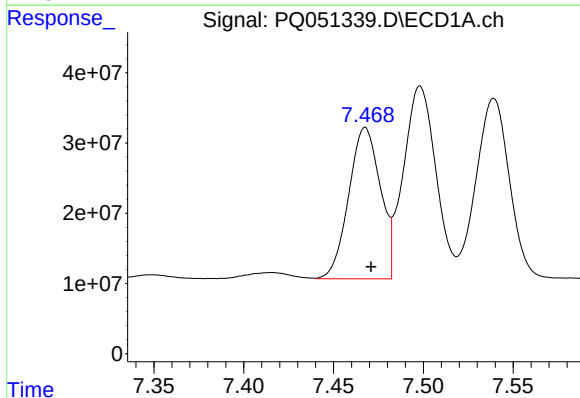
R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 335506361
Conc: 427.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



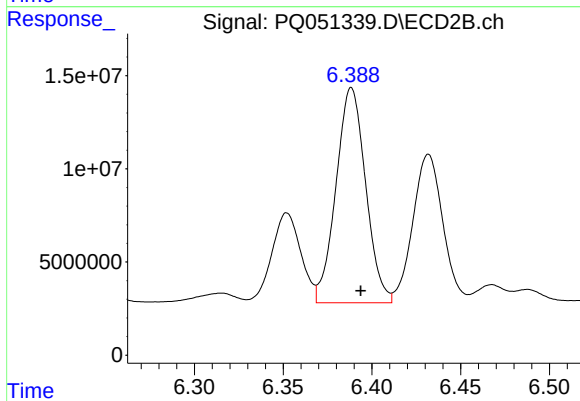
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: -0.006 min
Response: 93891537
Conc: 437.75 ng/ml



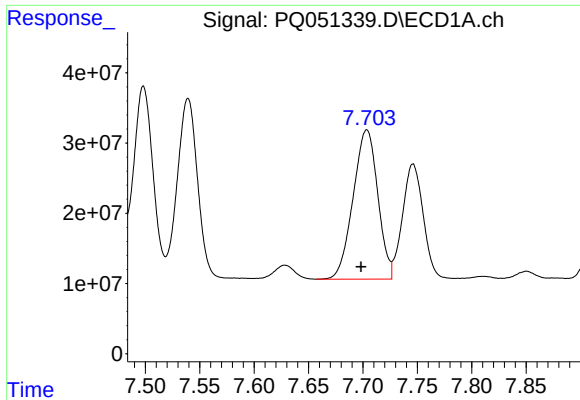
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 264982985
Conc: 308.99 ng/ml



#26 AR-1254-1

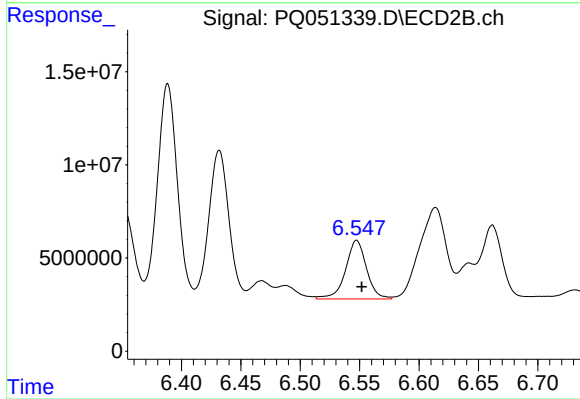
R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 134343974
Conc: 375.09 ng/ml



#27 AR-1254-2

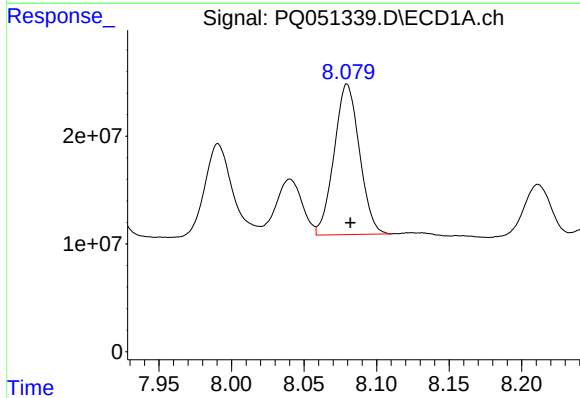
R.T.: 7.704 min
Delta R.T.: 0.005 min
Response: 335258274
Conc: 251.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



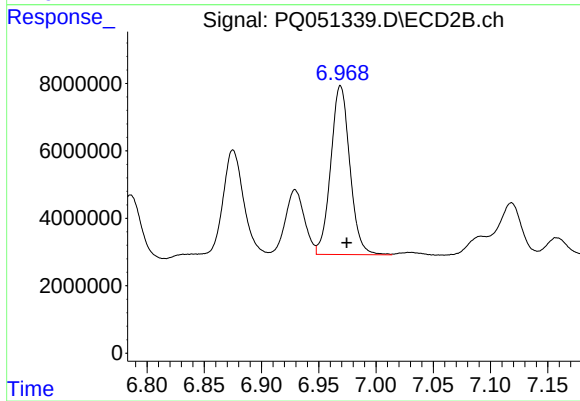
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 38626208
Conc: 124.67 ng/ml



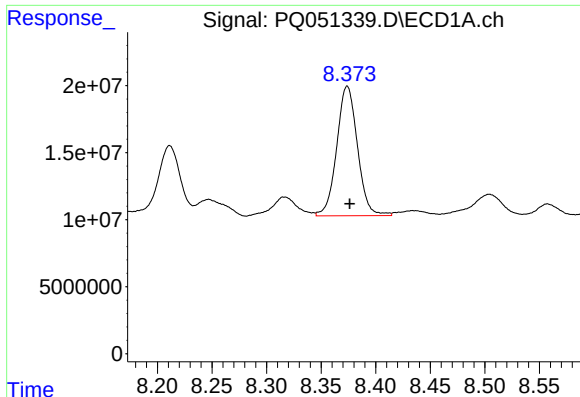
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 170099736
Conc: 117.46 ng/ml



#28 AR-1254-3

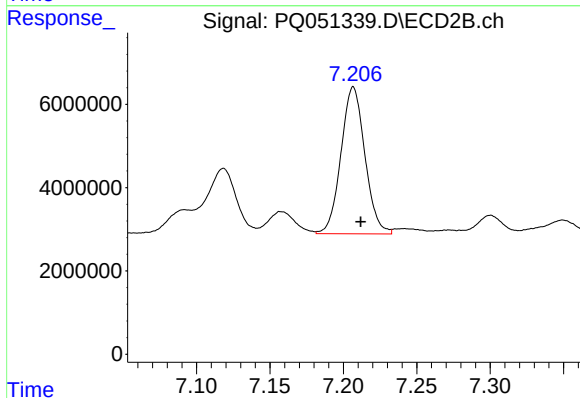
R.T.: 6.969 min
Delta R.T.: -0.005 min
Response: 58149490
Conc: 112.53 ng/ml



#29 AR-1254-4

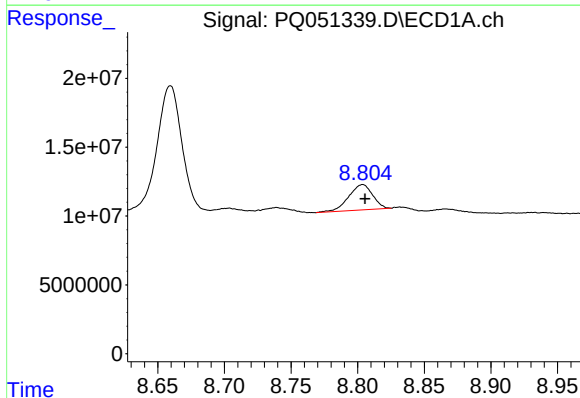
R.T.: 8.374 min
Delta R.T.: -0.002 min
Response: 127961465
Conc: 122.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



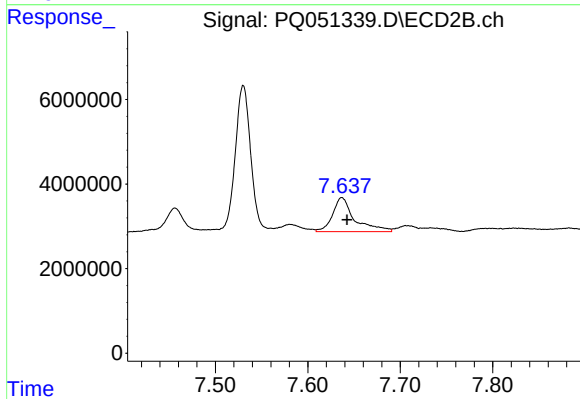
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: -0.005 min
Response: 40041380
Conc: 123.00 ng/ml



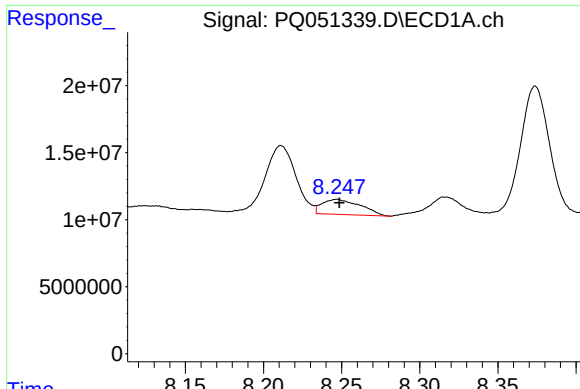
#30 AR-1254-5

R.T.: 8.804 min
Delta R.T.: -0.002 min
Response: 23096335
Conc: 20.94 ng/ml



#30 AR-1254-5

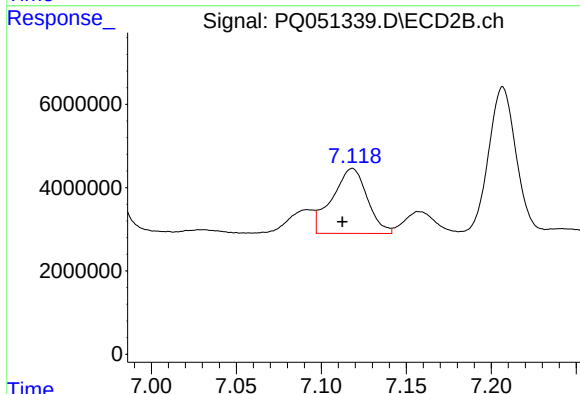
R.T.: 7.637 min
Delta R.T.: -0.006 min
Response: 13362348
Conc: 29.45 ng/ml



#31 AR-1260-1

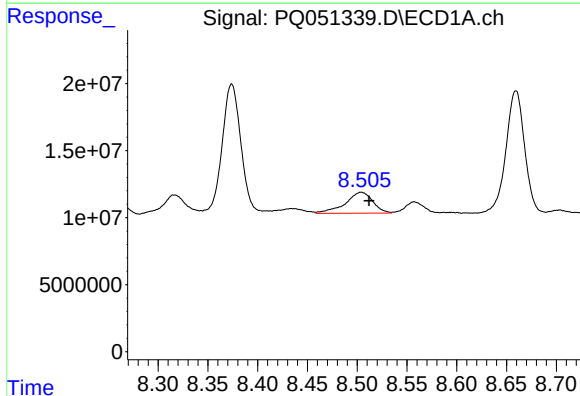
R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 19253350
Conc: 22.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



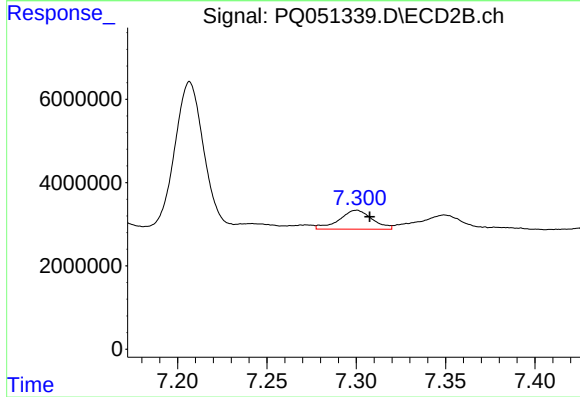
#31 AR-1260-1

R.T.: 7.118 min
Delta R.T.: 0.006 min
Response: 22445340
Conc: 72.93 ng/ml



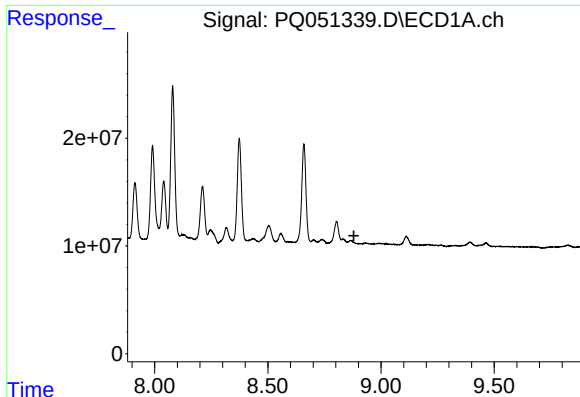
#32 AR-1260-2

R.T.: 8.504 min
Delta R.T.: -0.008 min
Response: 29782830
Conc: 29.08 ng/ml



#32 AR-1260-2

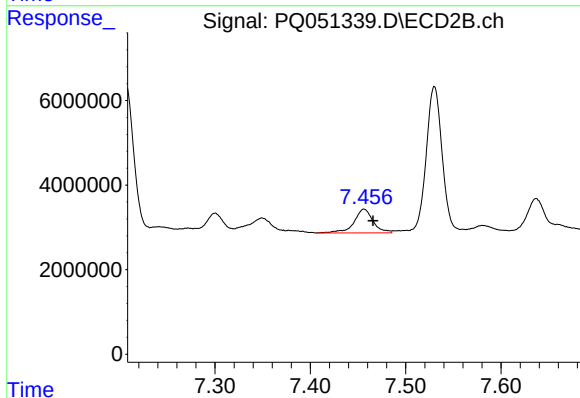
R.T.: 7.300 min
Delta R.T.: -0.007 min
Response: 5915648
Conc: 15.25 ng/ml



#33 AR-1260-3

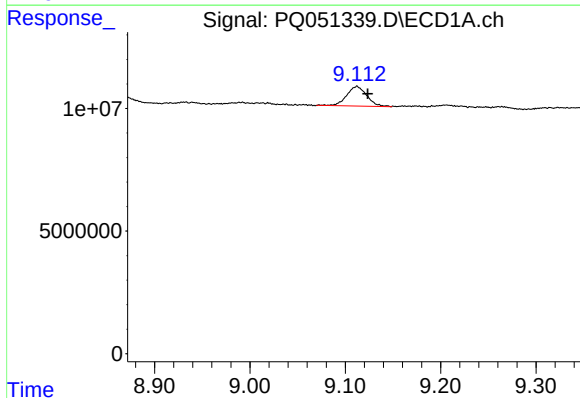
R.T.: 0.000 min
Exp R.T.: 8.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



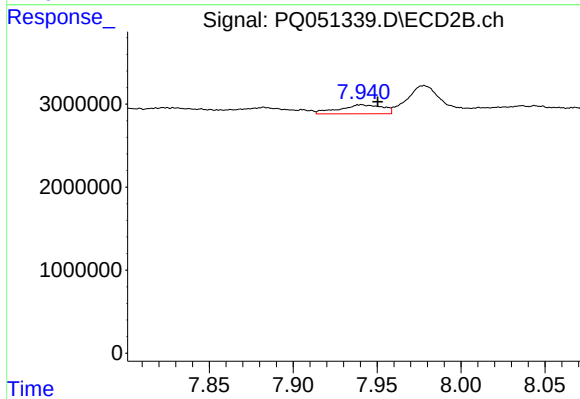
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: -0.009 min
Response: 7818930
Conc: 21.64 ng/ml



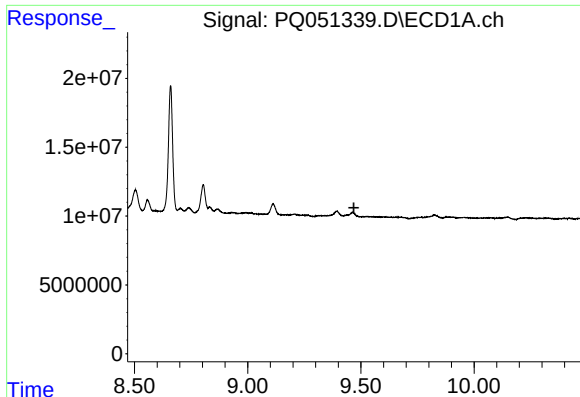
#34 AR-1260-4

R.T.: 9.112 min
Delta R.T.: -0.011 min
Response: 11645828
Conc: 13.80 ng/ml



#34 AR-1260-4

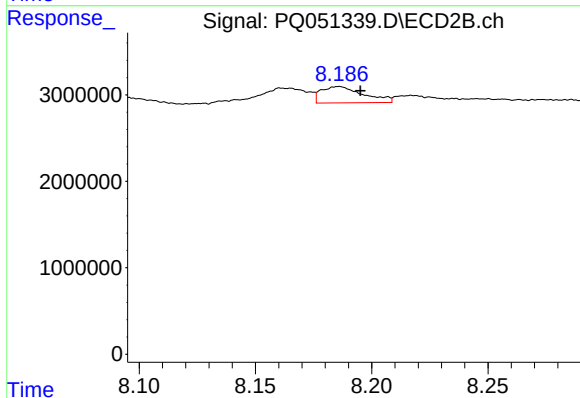
R.T.: 7.940 min
Delta R.T.: -0.010 min
Response: 1949075
Conc: 6.22 ng/ml



#35 AR-1260-5

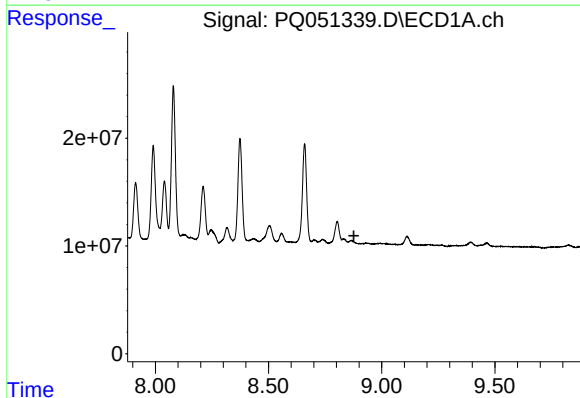
R.T.: 0.000 min
Exp R.T. : 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



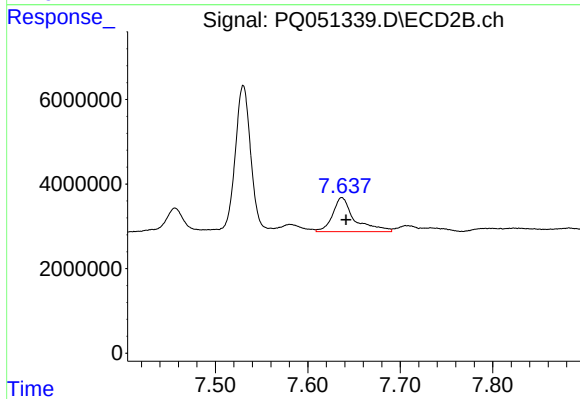
#35 AR-1260-5

R.T.: 8.186 min
Delta R.T.: -0.009 min
Response: 2380832
Conc: 3.03 ng/ml



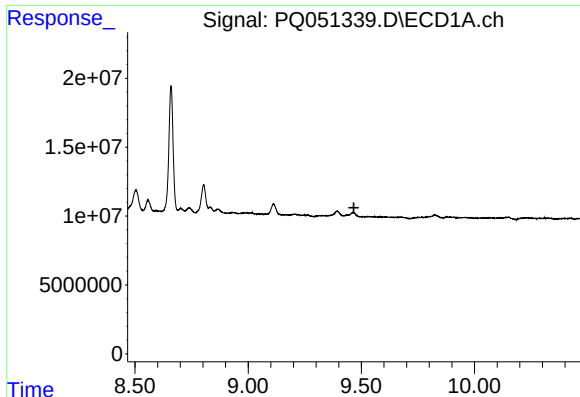
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.877 min
Response: 0
Conc: N.D.



#36 AR-1262-1

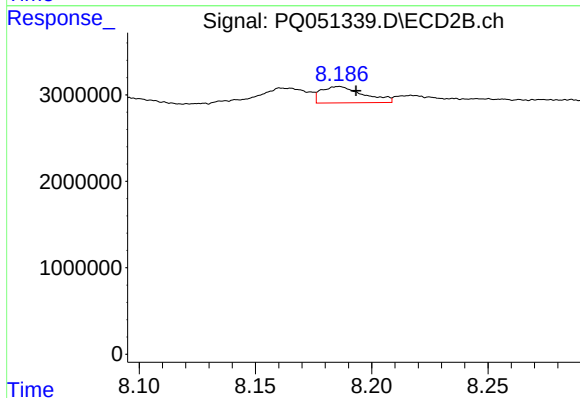
R.T.: 7.637 min
Delta R.T.: -0.005 min
Response: 13362348
Conc: 57.45 ng/ml



#37 AR-1262-2

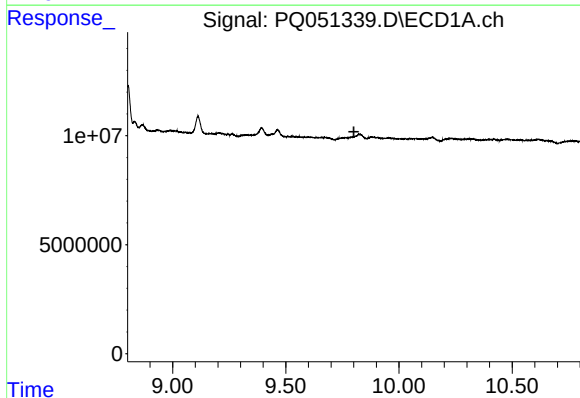
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



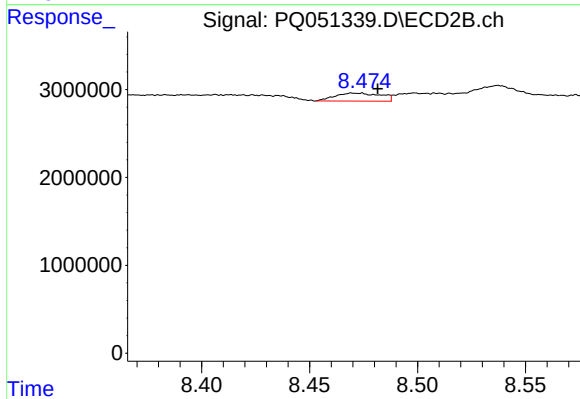
#37 AR-1262-2

R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 2380832
Conc: 2.77 ng/ml



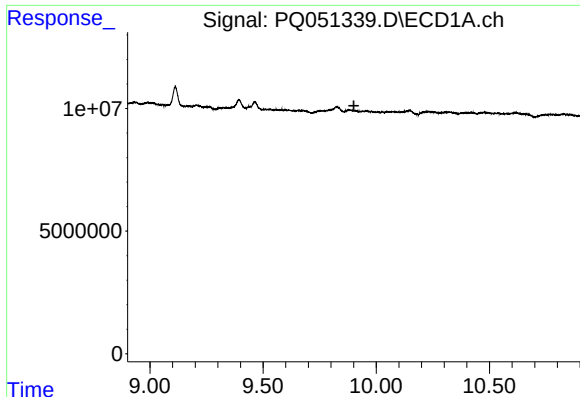
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.801 min
Response: 0
Conc: N.D.



#38 AR-1262-3

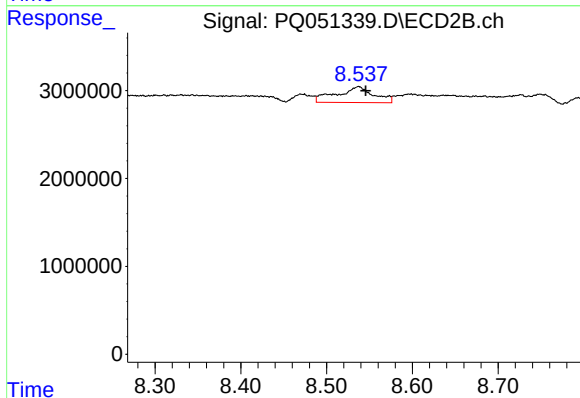
R.T.: 8.470 min
Delta R.T.: -0.011 min
Response: 1332473
Conc: 4.25 ng/ml



#39 AR-1262-4

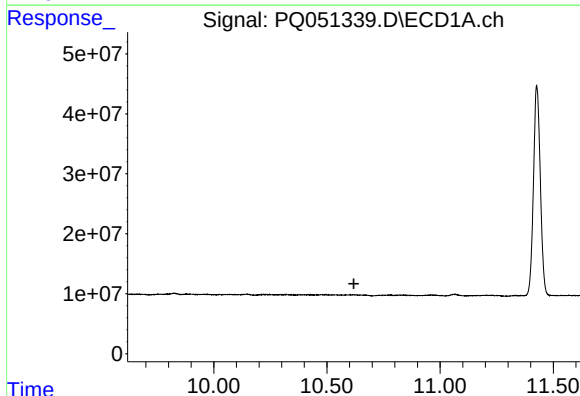
R.T.: 0.000 min
Exp R.T.: 9.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



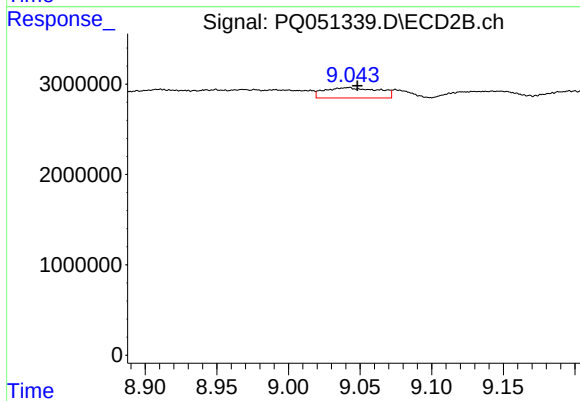
#39 AR-1262-4

R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 5420996
Conc: 8.83 ng/ml



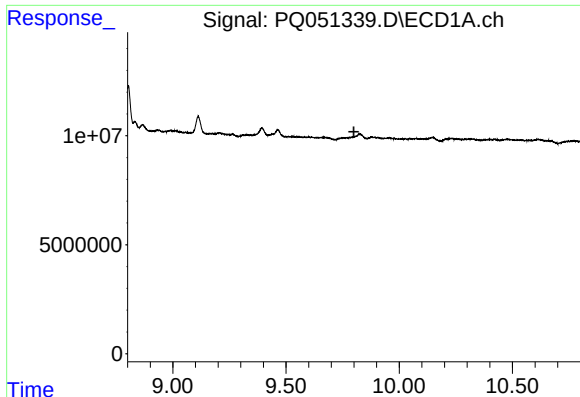
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.619 min
Response: 0
Conc: N.D.



#40 AR-1262-5

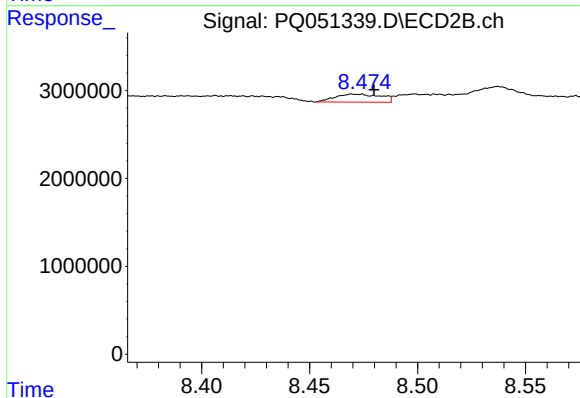
R.T.: 9.042 min
Delta R.T.: -0.006 min
Response: 3002140
Conc: 10.80 ng/ml



#41 AR-1268-1

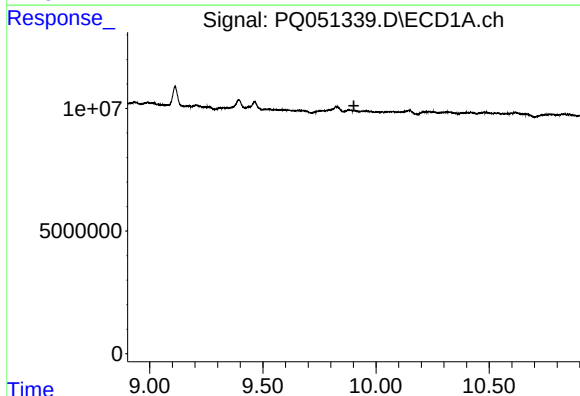
R.T.: 0.000 min
Exp R.T.: 9.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



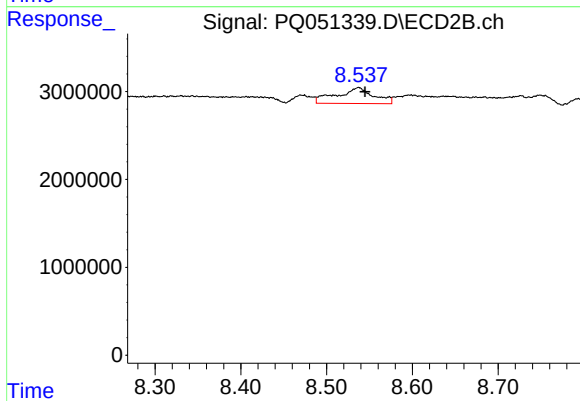
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: -0.010 min
Response: 1332473
Conc: 1.42 ng/ml



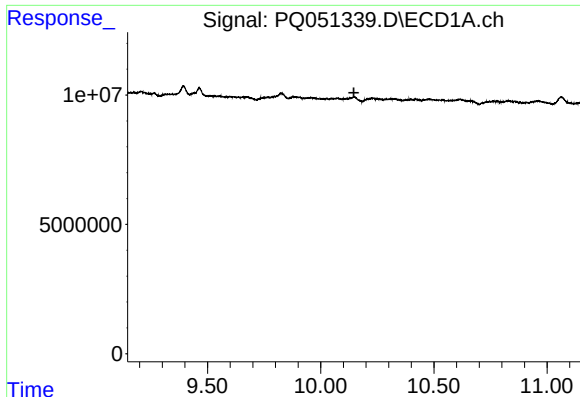
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

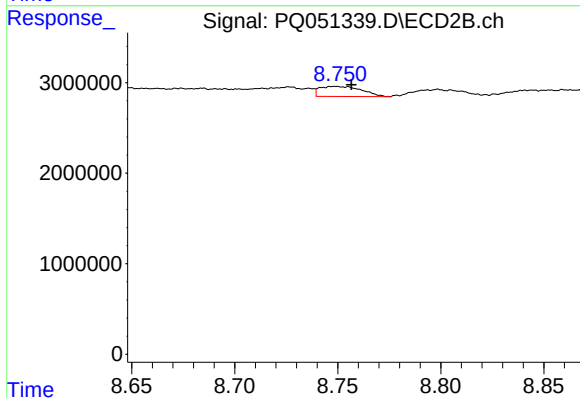
R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 5420996
Conc: 6.10 ng/ml



#43 AR-1268-3

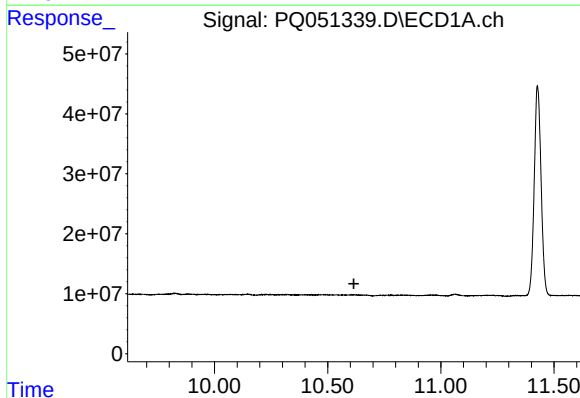
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



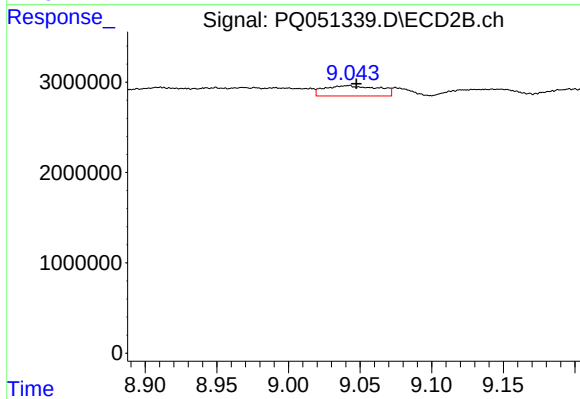
#43 AR-1268-3

R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 1567026
Conc: 2.09 ng/ml



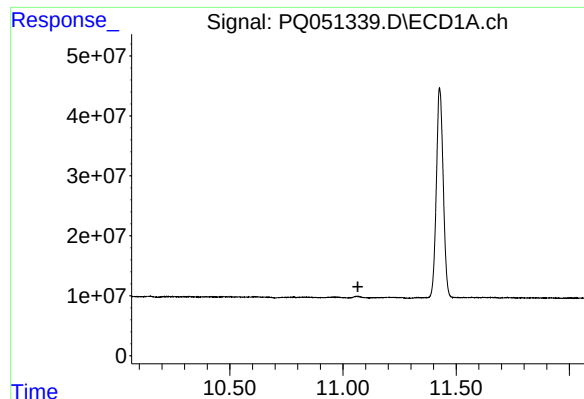
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.616 min
Response: 0
Conc: N.D.



#44 AR-1268-4

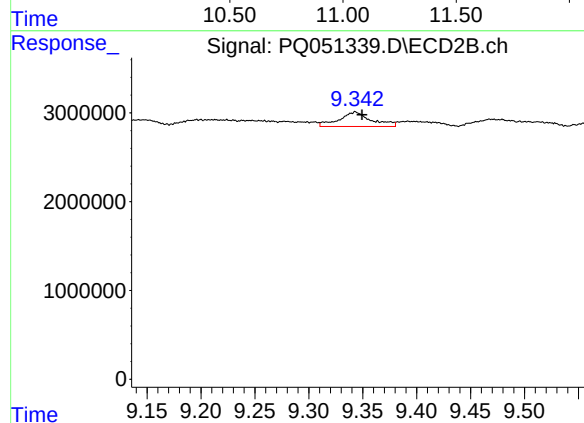
R.T.: 9.042 min
Delta R.T.: -0.005 min
Response: 3002140
Conc: 9.57 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: -0.006 min
Response: 3404802
Conc: 1.40 ng/ml